

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. (Currently Amended) A diagnostic system for a device using X-radiation during examination, comprising:
 - a CCD camera;
 - a device for generating external trigger pulses; and
 - a system control, configured to ~~control, in the absence of X-radiation,~~
control a readout of the CCD camera without a desired signal including image information at regular time intervals in response to reset pulses at regular time intervals in the absence of X-radiation, and the system control being further configured to control,
~~when an external trigger pulse occurs at a point in time at which no readout of the CCD camera is to take place,~~ control triggering of a read out of the CCD camera without a desired signal including image information and a subsequent subsequently triggering of an exposure of the CCD camera when an external trigger pulse occurs at a point in time at which no readout of the CCD camera is to take place;[[, and]] wherein[[,]]

[[when]] if the time elapsed between a most recent reset pulse and an external trigger pulse is less than a duration of the

readout of the CCD camera without a desired signal including image information, occurs at a point in time at which a readout of the CCD camera is to take place, a readout without a desired signal including image information is suppressed, and before an exposure of the CCD camera is triggered directly by the external trigger pulse.

2. (Canceled)
3. (Previously presented) The diagnostic system as claimed in claim 1, wherein, when an external trigger pulse occurs at a point in time at which no readout of the CCD camera is to take place, a readout without a useful signal is initially carried out and then the diagnostic system is subsequently triggered for the emission of X-radiation via an X-ray emitter.
4. (Previously Presented) The diagnostic system as claimed in claim 1, wherein the device for generating external trigger pulses is an ECG electrode.
5. (Previously Presented) The diagnostic system as claimed in claim 1, wherein the device for generating external trigger pulses is an angle sensor mounted at a C-arm of the diagnostic system.

6. – 7. (Canceled)

8. (Previously Presented) The diagnostic system as claimed in claim 3, wherein the device for generating external trigger pulses is an ECG electrode.

9. – 10. (Canceled)

11. (Previously Presented) The diagnostic system as claimed in claim 3, wherein the device for generating external trigger pulses is an angle sensor mounted at a C-arm of the diagnostic system.

12. (Previously Presented) The diagnostic system as claimed in claim 4, wherein the device for generating external trigger pulses is an angle sensor mounted at a C-arm of the diagnostic system.

13. – 14. (Canceled)

15. (Previously Presented) The diagnostic system as claimed in claim 8, wherein the device for generating external trigger pulses is an angle sensor mounted at a C-arm of the diagnostic system.

16. (Canceled)

17. (Currently Amended) A diagnostic system for a device using X-radiation during examination, comprising:

a CCD camera;

means for generating an external trigger pulse; and

~~means for, when an external trigger pulse is generated at a time when no readout of the CCD camera is to take place, providing a readout of the CCD camera without a desired signal including image information in response to reset pulses generated at regular intervals and before an exposure of the CCD camera when an external trigger pulse is generated at a time when no readout of the CCD camera is to take place, and for, when an external trigger pulse is generated at a time when a readout of the CCD camera is to take place, suppressing a readout without a desired signal including image information before an exposure of the CCD camera when an external trigger pulse is generated at a time when a readout of the CCD camera is to take place, wherein~~

if the time elapsed between a most recent reset pulse and an external trigger pulse is less than a duration of the readout of the CCD camera without a desired signal including image information, a readout without a desired signal including image information is

suppressed, and exposure of the CCD camera is triggered directly
by the external trigger pulse.

18. (Previously Presented) The diagnostic system as claimed in claim 17,
wherein the diagnostic system is for a device using X-radiation during
examination and wherein the means for providing is configured such that,
in the absence of X-radiation, a readout of the CCD camera without a
useful signal takes place at regular time intervals.
19. (Canceled)
20. (Currently Amended) The diagnostic system as claimed in claim 17,
wherein, when an external trigger pulse occurs at a point in time at which
no readout of the CCD camera is to take place, a readout without a useful
signal is initially carried out and then the [[X-ray]] diagnostic system is
subsequently triggered for the emission of X-radiation via an X-ray
emitter.
21. (Previously Presented) The diagnostic system as claimed in claim 1,
wherein the external trigger pulses are generated in a non-predetermined
fashion.

22. (Previously Presented) The diagnostic system as claimed in claim 1,
wherein the external trigger pulses are generated in a non-periodic
fashion.
23. (Previously Presented) The diagnostic system as claimed in claim 17,
wherein the external trigger pulses are generated in a non-predetermined
fashion.
24. (Previously Presented) The diagnostic system as claimed in claim 17,
wherein the external trigger pulses are generated in a non-periodic
fashion.
25. (Canceled)